

PRELIMINARY ENVIRONMENTAL SCREENING RESULTS

Issue or Impact Being Studied	Data Collected To Date
Social and Economic	
Noise	<ul style="list-style-type: none">Field measurements were taken at six locations in the project areaPreliminary field measurements indicated that there are noise issues near I-84Further noise analysis will proceed when the proposed horizontal and vertical highway alignments are refined
Travel Patterns/ I-84 Access	<ul style="list-style-type: none">Overall travel patterns are not anticipated to change. Additional capacity may influence some drivers to use I-84 rather than remaining on the local system.Access to properties adjacent to the interchanges could be altered
Neighborhood or Services	<ul style="list-style-type: none">Utilities located within the right-of-way may have to be moved during construction
Displacements	<ul style="list-style-type: none">Interchange reconstruction could potentially result in displacement of residential and/or commercial properties
Visual/Aesthetics	<ul style="list-style-type: none">Overall minor change due to the pre-existence of the highway and urban setting
Prime Farmland	<ul style="list-style-type: none">There are no Prime Farmland Soils or Soils of Statewide Importance in the project area
Water and Air	
Air Quality	<ul style="list-style-type: none">The project area is in a limited maintenance area for carbon monoxide (CO) and a maintenance area for particulate matter (PM-10)
Flood Plain/ Regulatory Floodway	<ul style="list-style-type: none">The project area is outside the 500-year floodplain and no floodplain or floodway impacts are anticipated
Sole Source Aquifer	<ul style="list-style-type: none">No impact. No sole source aquifers are located in the project area
Navigable Waters	<ul style="list-style-type: none">No impact. No navigable waters are present in the project corridor
Wetlands	<ul style="list-style-type: none">Four wetlands have been identified in the project areaFive Mile Creek, Three Mile Creek and the New York Canal may also support wetland vegetation
Stream Alteration/ Encroachment	<ul style="list-style-type: none">Five Mile and Three Mile Creeks could require stream alteration/encroachment permits with the Corps of Engineers
Water Quality/ Runoff	<ul style="list-style-type: none">The Boise Front and Southeast Boise Groundwater Management Areas are located within the project areaNo impacts are anticipated to these areasThe project will result in ground disturbance and increase in impervious surface area. A Storm Water Discharge Permit will be required for construction. Erosion and sediment control plans will be developed to prevent soil erosion and to protect water quality

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Social and Economic	
Construction	<ul style="list-style-type: none">Temporary detours and access changes are anticipated during constructionConstruction related impacts may cause short-term economic disruptionTemporary construction easements could have short-term impacts on nearby residents and businesses
Consistency with Local and State Planning	<ul style="list-style-type: none">Project is consistent with Destination 2025 (COMPASS, 2002), the Ada County TIP, the Boise City Comprehensive Plan, the Ada County Comprehensive Plan, and the Boise Airport Master Plan
Environmental Justice	<ul style="list-style-type: none">Census data was gathered to identify any potential disproportionate impacts to minority groups and persons living in povertyThe concentration of minority and low income groups adjacent to the project corridor is not higher than other parts of the metropolitan area
FAA Airspace	<ul style="list-style-type: none">FAA notification will be required. No airspace impacts are anticipated. Coordination with airport improvements and expansion will be necessary
Hazardous Materials	<ul style="list-style-type: none">Properties have been identified in or adjacent to the project area that are listed on the Idaho Leaking Underground Storage Tank list
Cultural and Recreational	
Section 4(f) Lands-DOT Act 1966	<ul style="list-style-type: none">The New York Canal and Idaho Northern Pacific Railroad properties are eligible for the National Register of Historic Properties and may be impactedOwyhee Park may be affected during construction
Section 6(f) Lands- LWCF Act 1965	<ul style="list-style-type: none">No section 6(f) lands will be affected
Section 106- National Historic Preservation Act	<ul style="list-style-type: none">The New York Canal and Idaho Northern Pacific Railroad properties are eligible for the National Register of Historic Places and may be impactedThe Gowen Road Bridge is over 50 years old and will need to be evaluatedFive other unrecorded sites/properties are being investigated
Biological Resources	
Wildlife/Fish Resources/ Habitat	<ul style="list-style-type: none">Construction may affect native plant habitat south of the Gowen InterchangeNo fish resources are known in the project area
Threatened/ Endangered Species	<ul style="list-style-type: none">No threatened or endangered species would be affected



I-84 ORCHARD TO GOWEN

